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NCDOT Research Project 2001-08

Title	Using GIS-Based Property Tax Data for Trip Generation
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Status	Complete
Documents/Links	Other Research by Dr. Stone Related NCDOT Research ("Operations- Traffic Forecasting" subcategory) Open a PDF version of this page for printing
Abstract	This project assesses the feasibility of using statistically clustered property tax instead of windshield survey data for input into the Internal Data Summary (I generation model used by the North Carolina Department of Transportation. T summarizes the clustering analysis and its data requirements. To gauge cluste resource requirements for a case study application, NCSU researchers examin town of Pittsboro. Comparing the traffic flow outputs of the traditional modelir techniques and those resulting from the use of the clustering method to 56 gr count stations, the research finds that clustering and traditional methods yield results. The main benefit resulting from the use of the clustering technique is reduction in work-hours required to gather the input data. The major drawbac advanced statistical training is required to implement the technique.

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